## 34th Annual Symposium Presented by

**Eastern Pennsylvania Branch of** the American Society for Microbiology

**National Laboratory Training Network** 

**University of Pennsylvania** 

# **Clinical Mycology** Update: 2003

November 6 - 7, 2003

Biomedical Research Building II/III **University of Pennsylvania** Philadelphia, Pennsylvania









## **General Information**

The Eastern Pennsylvania Branch of the American Society for Microbiology, the National Laboratory Training Network and the University of Pennsylvania are co-sponsoring the 34th Annual Symposium. The title for this year's Symposium is "Clinical Mycology Update: 2003". The program will include four major sessions. Day 1 will focus on the clinical issues of hospital infections and environmental mold contamination, and the issues surrounding therapy of human infections. Day 2 will focus on the detection, identification and anti-microbial susceptibility testing of fungi along with studies of the epidemiology of disease. This conference will be of interest to clinical microbiologists in hospitals, commercial reference or environmental testing laboratories, laboratory directors, supervisors, technologists, infectious disease physicians, scientists in pharmaceutical and diagnostic testing industries and infection control personnel.

The meeting will be held in the Auditorium of the Biomedical Research Building II/III (#2 on map), 421 Curie Boulevard, University of Pennsylvania, Philadelphia, PA19104. A map and description of the facility along with parking facilities can be found at: http://www.facilities.upenn.edu/visitUs/. Information on public transportation is available at: www.septa.org, including a special University City area loop bus termed "LUCY" at: www.golucy.org. Nearby hotels include The Inn at Penn, 215-222-0200 and the Sheraton University City, 215-387-8000. Registrants are urged to make room reservations as soon as possible. For additional information or directions, contact Valorie Flynn: 215-662-6651 or valorie.flynn@uphs.upenn.edu.

#### **Program Co-Chairs**

Donald D. Stieritz, PhD **VA Medical Center** Philadelphia, PA

Karin L. McGowan, PhD Children's Hospital of Philadelphia Philadelphia, PA

#### **Branch President**

Olarae Giger, PhD The Lankenau Hospital Wynewood, PA

### Please direct all questions to:

Registration NLTN Office

800-536-NLTN or 617-983-6285

## **Publicity**

Henry R. Beilstein, PhD

215-242-2382 beilstein2@juno.com

## **Objectives**

Upon completion of this symposium, participants should be able to:

- Identify the etiology of human mycotic infections and the associated risk factors.
- Identify the etiology and consequences of environmental mold contamination.
- Identify the currently available antifungal therapeutic agents as well as newly developed ones.
- Identify current laboratory diagnostic procedures for fungal agents and the principles and applications of newer technologies.
- Outline the current NCCLS procedures and recommendations for the susceptibility testing of fungi along with the interpretive guidelines.
- Describe the role of the clinical laboratory in the epidemiology of fungal disease in relationship to newer molecular technologies.

## **Continuing Education Credit**

Continuing education credit (CEUs) will be offered to all laboratorians based on 6.5 hours (11/6) and/or 6.0 hours (11/7) of instruction.

## **Special Needs**

In compliance with the Americans with Disabilities Act, individuals needing special accommodations should notify the NLTN office at least two weeks prior to the workshop. For more information please call: 800-536-NLTN (in the Northeast area) or 617-983-6285.

## **Registration Options**

**Registration Options:** 

Fax to: 617-983-8037 Mail to: NLTN

> 305 South Street Boston, MA 02130-3597

### **The National Laboratory Training Network**



is a training system sponsored by the Association of Public Health Laboratories (APHL) and the Centers for Disease Control and Prevention (CDC)

The American Society for Microbiology Eastern Pennsylvania Branch of Boston, MA 02130-3597 305 South Street C/O, NLTN



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## **Clinical Mycology Update: 2003**

## Thursday, November 6, 2003 8:20 a.m. - 5:30 p.m.

## Session I - Overview & Clinical Issues

- 7:30 Registration
- 8:20 Introduction

#### Welcome

Donald D. Stieritz, PhD, ABMM VA Medical Center Philadelphia, PA

## 8:30 Keynote Address

An Overview of Mycotic Disease
Michael G. Rinaldi, PhD, Director,
Fungus Testing Lab, Professor of
Medicine, Univ. of Texas Health Science
Center, San Antonio, TX

## 9:15 Environmental Issues & Sick Building Syndrome

Mahmoud A. Ghannoum, PhD, Director, Center for Medical Mycology, Case Western Reserve Univ. of Cleveland & Univ. Hospitals, Cleveland, OH

#### 10:00 Refreshment Break

# 10:30 The Impact of Fungal Infections on Solid Organ Transplant Recipients Emily Blumberg, MD,FACP, Associate Professor of Medicine, Division of Infectious Diseases, Univ. of Pennsylvania, Philadelphia, PA

- 11:15 Candida Biofilms & Sepsis
  Mahmoud A. Ghannoum, PhD
- 12:00 Roundtable Discussion
- 12:15 Lunch

## Session II - Antifungal Therapy & New Agents

## 1:30 Overview of Current Antifungal Therapies

Mindy Schuster, MD, Associate Professor of Medicine, Division of Infectious Diseases, Univ. of Pennsylvania, Philadelphia, PA

## 2:15 Newer Agents in the Treatment of Fungal Infections

Michael G. Rinaldi, PhD

- 3:00 Refreshment Break
- 3:30 Mechanisms of Antifungal Resistance
  Theodore C. White, Associate Member
  Seattle Biomedical Research, Assistant
  Professor Dept. of Pathobiology, Univ. of
  Washington, Seattle, WA

# 4:15 Advances in Antifungal Chemotherapy: A View Toward the Future from Bench to Bedside

Thomas Walsh, MD, PhD, ASM-Waksman Foundation Lecturer, Chief, Immunocompromised Host Section, Pediatric Oncology Branch, National Cancer Institute, Bethesda, MD

- 5:00 Roundtable Discussion
- 5:15 Evaluation
- 5:30 Adjournment

## Friday, November 7, 2003 8:30 a.m. - 4:15 p.m.

## Session III - Identification & Susceptibility Testing of Fungi

- 7:30 Registration
- 8:30 Update on Taxonomy and Identification of Fungi

Davise H. Larone, PhD, ABMM, Director of Clinical Microbiology, Cornell Medical Center, New York Presbyterian Hospital, New York City, NY

## 9:15 Molecular & Serologic Methods for the Diagnosis of Fungal Diseases

Christine J. Morrison, PhD, Chief, Diagnostics Development Unit, Mycotic Diseases Branch, CDC, Atlanta, GA

- 10:00 Refreshment Break
- 10:30 Current NCCLS Methods for Antifungal Susceptibility Testing Michael A. Pfaller, MD, Professor of Pathology, Dept. of Pathology, Univ. of Iowa Health Care, Iowa City, IA

# 11:15 Newer Methods for Antifungal Susceptibility Testing Annette Fothergill, MA, MBA,MT(ASCP), CLS(NCA), Technical Director, Fungus Testing Laboratory, Univ. of Texas Health Science Center, San Antonio, TX

- 12:00 Roundtable Discussion
- 12:15 Lunch

Session IV - Other Issues

- 1:30 The Role of the Laboratory in Epidemiology Investigation
  Mary E. Brandt, PhD, Chief, Fungus Reference Unit, Mycotic Diseases Branch, CDC, Atlanta, GA
- 2:15 Molecular Methods in the Epidemiology of Candida Infections Michael Pfaller, MD
- 3:00 Diagnostic Dilemmas: What Would Your Lab Do?

Karin L. McGowan, PhD, F(AAM), Associate Professor, Dept. of Pediatrics and Microbiology, Univ. of Penn. School of Medicine, Children's Hospital of Philadelphia, Philadelphia, PA

- 3:45 Roundtable Discussion
- 4:00 Evaluations
- 4:15 Symposium Adjournment



## **Registration Information**

34<sup>th</sup> Annual Symposium November 6-7, 2003

Please Complete Enclosed Registration Form.

#### **REGISTRATION FEES**

Includes program materials, refreshment breaks and lunch.

Two-day Pre-registration \$195.00 Two-day On-site registration \$210.00

One-day Pre-registration \$100.00 One-day On-site registration \$110.00

Students, Fellows, Residents

Two-day registration \$100.00 • One-day registration \$60.00 •

Send completed registration form to:

**Fax:** 617-983-8037

Mail: NLTN

305 South Street Boston, MA 02130-3597

Pay by check, money order, purchase order or credit card (checks payable to "APHL").

No refunds after October 12, 2003

Confirmation letters will not be sent.

Applicants will be notified if course is filled.

Directions to the University of Pennsylvania are on the web at:

http://www.facilities.upenn.edu/visitUs/.

Letter with departmental letterhead verifying status as fellow, resident or student should be provided with registration.

## National Laboratory Training Network

Training Event Title: Clinica	National Laboratory Training Netwo	Ork  Form Approved OMB No. 0920-0017 Exp. Date: 6/30/06  Philadelphia, PA	Register Early! Registration Fee: Two-day Pre-registration \$195.00 Two-day On-site registration \$210.00
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Position Title:	M.I Last Name: State Licens	sure Number: (If applicable):	Students, Fellows, Residents Two-day registration \$100.00 • One-day registration \$60.00 • Letter with departmental letterhead verifying status as fellow, resident or student should be provided with registration. Payment Information (Please check one.)
City:	State/Country: Z		Enclosed is my check or money order.  Enclosed is a Purchase Order
E-mail Address:		ent notifications? Please circle, YES or NO.)	Bill my Credit Card. (Circle one.) VISA MasterCard American Express
(Please review all options in the	three categories before circling the one most appro	opriate in <u>each category</u> .)	Submit your registration form to:  Fax: 617-983-8037  Mail: NLTN
01 Physician 02 Veterinarian 04 Laboratorian 05 Nursing Professional 06 Sanitarian 08 Administrator 11 Safety Professional 13 Educator 14 Epidemiologist 15 Environmental Scientist	O1 Health Department (State or Territorial) O3 Health Department (Local, City or County) O4 Government (Other Local, not City or County) O5 Centers for Disease Control and Prevention O9 U.S. Food and Drug Administration U.S. Department of Defense 12 Veterans Administration Medical Center/Hosp. 15 Other (Federal Employer) 16 Foreign 19 College or University	Furnishing the information requested on this form is voluntary. Public reporting burden for this collection of information is	305 South Street Boston, MA 02130-3597  For further information call: (617) 983-6285 or in the Northeast region (800) 536-NLTN.  Credit Card Information  Card Holder's Name
12 Other Education Level (Highest Completed) Degree 04 Associate	<ul> <li>21 Private Industry</li> <li>23 Private Clinical Laboratory</li> <li>24 Physician's Office Laboratory/Group Practice</li> <li>17 Hospital (Private Community)</li> <li>33 Hospital (Other)</li> </ul>	estimated to average five minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing	
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